

00010205-072004

**This set of drawings contains
no photographs...
The Following Figures are
computer scanned images**

Figs. 3, 4, 5, 6, 7A, 7B, 7C, 7D, 7E, 7F, 8A, 8B, 10A - 15

Application Number: _____

Ex and Group art Unit: _____

Attny Docket: _____

5525-0020.30

ATGGGGGAACAACCTATCTTCAGCACTCGAGCTCATGTCTTCCAGATCGACCCA
AACACAAGAAGAACTGGGTACCCACCAGCAAGCATGCAGTTACTGTGCTTTAT
TTCTATGACAGCACAAAGGAATGTGTATAGGATAATCAGTCTAGACGGCTCAAAG
GCAATAATAAATAGCACCATCACTCCAAACATGACATTTACTAAAACATCTCAA
AAGTTTGGCCAATGGGCTGATAGCCGGGCAACACTGTTTATGGACTGGGATTCT
CCTCTGAGCATCATCTCTCAAAATTTGCAGAAAAGTTTCAGGAATTTAAAGAAGC
TGCTCGGCTGGCAAAGGAGAAGTCGCAGGAGAAGATGGAACTGACCAGTACCC
CTTCACAGGAATCAGCAGGAGGAGATCTTCAGTCTCCTTTAACACCAGAAAGTA
TCAATGGGACAGATGATGAGAGAACACCCGATGTGACACAGAACTCAGAGCCA
AGGGCTGAGCCAGCTCAGAAATGCATTGCCATTTTCACATAGGTACACATTCAATT
CAGCAATCATGATTAAA

Fig. 1

Homer (rat)	MGEQPIFTTR AHUFQIDPNT KKNWMPASKH	30
Human EST	MGEQPIFTTR AHUFQIDPNT KKNWMPASKH	30
Mouse EST	-----	
Homer (rat)	AVTUSVFVDS TRNUYRIISL DGSKBIIINST	60
Human EST	GHRF- VEVDU TRNSVRIISU D-----	50
Mouse EST	---- VEVDU TRNSVRIISU DGRKUIINST	25
Homer (rat)	ITPNMTFTKT SQKFQGWQDS <u>RANTUVGLGF</u>	90
Human EST	-----	
Mouse EST	ITPNMTFTKT SQKFQGWQDS RANTUVGLGF	55
Homer (rat)	SSEHHLKFA EKQFEKERR ALAKEKSQEK	120
Human EST	-----	
Mouse EST	SSELQLTKFA EKQFEKERR ALAROKSQEK	85
Homer (rat)	MELTSTPSQE SAGGDLQSPL TPESINGTDO	150
Human EST	-----	
Mouse EST	TETSSNHSQES S-ECETPSET QASSVNGTDO	114
Homer (rat)	EATPDUTQNS EPRAEPAQNA LPFSHRYTFH	150
Human EST	-----	
Mouse EST	EKASHASPAD THLKSENDKL KIALTQSARN	144
Homer (rat)	SRIMIK.--	186
Human EST	-----	
Mouse EST	UKKWEHELQ	153

Fig. 2

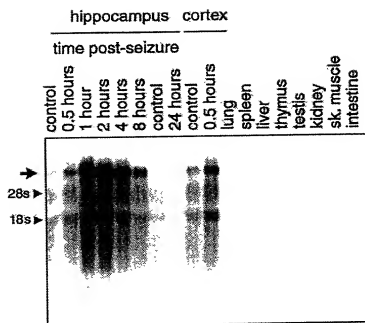


Fig. 3

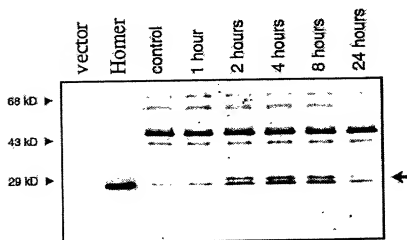


Fig. 4

This electron micrograph shows a cross-section of a dendrite. Two black arrows point to the axolemma, which is the cell membrane of the axon. The surrounding area shows various cellular structures and organelles.

Fig. 8B

Fig. 9A mGluR1 α - RDYKQSSSTL

Fig. 9B mGluR2 - EVVDSTTSSL

Fig. 9C mGluR3 - EVLDSTTSSL

Fig. 9D mGluR4 - TYVTYTNHAI

Fig. 9E mGluR5 - RDYTQSSSSL

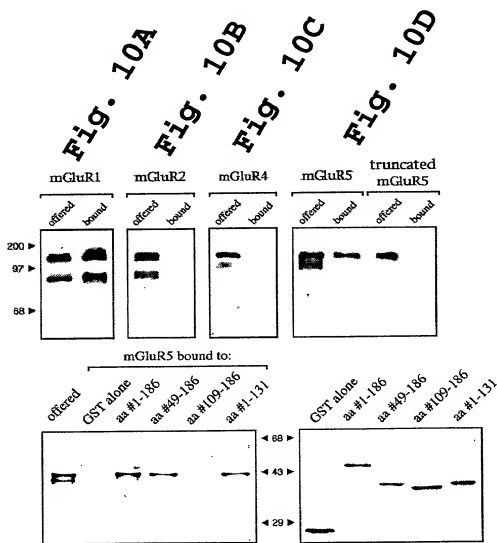


Fig. 10E

Fig. 10F

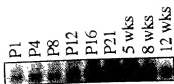


Fig. 11

Fig. 12A

Fig. 12C

Fig. 12E



Fig. 12B

Fig. 12D

Fig. 12F

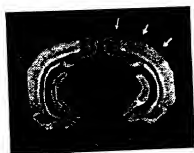


Fig. 13



Fig. 14



Fig. 15